

STIC-Biotech/ChemLib

90420

From: Slobodyansky, Elizabeth  
Sent: Monday, March 31, 2003 5:09 PM  
To: STIC-Biotech/ChemLib  
Subject: 10/057,487

Please search for case 10/057,487:

22

SEQ ID NOs: 7 and 8 against commercial ~~and interference~~ databases.

Thank you.

Elizabeth Slobodyansky, PhD

Primary Examiner

Art Unit 1652  
CM1 10D11  
703-306-3222

mail box 10D01

Mary Jane Ruhl  
Tech. Info. Specialist, STIC  
TC-1600  
CM-1, Room 6A-06  
Phone: 605-1155

Searcher: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Location: \_\_\_\_\_  
Date Picked Up: \_\_\_\_\_  
Date Completed: 7/14/03  
Searcher Prep/Review: \_\_\_\_\_  
Clerical: \_\_\_\_\_  
Online time: \_\_\_\_\_

TYPE OF SEARCH:

NA Sequences: \_\_\_\_\_  
AA Sequences: \_\_\_\_\_  
Structures: \_\_\_\_\_  
Bibliographic: \_\_\_\_\_  
Litigation: \_\_\_\_\_  
Full text: \_\_\_\_\_  
Patent Family: \_\_\_\_\_  
Other: \_\_\_\_\_

VENDOR/COST (where applic.)

STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
Questel/Orbit: \_\_\_\_\_  
DRLink: \_\_\_\_\_  
Lexis/Nexis: \_\_\_\_\_  
Sequence Sys.: \_\_\_\_\_  
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Other (specify): \_\_\_\_\_

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[illegible]

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DL	1	MDVVALSHIDPLDSSCSHVLVLLDLSLGVNWSNLSKSLVLLFVAVVWNS	99					
QY	469	SHDVALSHIDPLDSSCSHVLVLLDLSLGVNWSNLSKSLVLLFVAVVWNS	100					
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QY	499	SHDVALSHIDPLDSSCSHVLVLLDLSLGVNWSNLSKSLVLLFVAVVWNS	100					
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QY	509	SHDVALSHIDPLDSSCSHVLVLLDLSLGVNWSNLSKSLVLLFVAVVWNS	100					
DL	1	MDVVALSHIDPLDSSCSHVLVLLDLSLGVNWSNLSKSLVLLFVAVVWNS	99					













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Reportable Version: 5.1.4.15.4176  
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Reportable Version: 5.1.4.15.4176

Reportable Version: 5.1.4.15.4176

[illegible][illegible]















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2  TITLE OF INVENTION: NO. 1057-487-7, 1057-487-8
3  TITLE OF INVENTION: 1057-487-7
4  TITLE REFERENCE: 700
5  CURRENT APPLICANT: PROPOSER: 1057-487-7
6  CURRENT APPLICANT: 1057-487-7
7  NUMBER OF SHEETS: 101
8  SHEET NO. 101
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12  OPERATING: Home Inspection
13  FEATURING:
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2  GENERAL INFORMATION:
3  APTID: NAME: LINDSEY, Robert L.
4  APTID: NAME: LINDSEY, Robert L.
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RESULTS:

115377

hybridized protein F0806.1. Genomhabilis obliquus

of species Caenohabibilis obliquus

Submitted: Sep-1999 #sequence\_location: 20 Sep 1999 #next\_change: 21 Sep-1999

Accession: 115377

Submitted to the EMBL Data Library, June 1995

Accession: The sequence of C. obliquus cosmid F0806.

Accession number: Z18440

Accession: 115376

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115377

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1 PATENT NO. 6428998  
 2 GENERAL INFORMATION:  
 3 APPLICANT: COLLIER, John  
 4 APPLICANT: COLLIER, Charles M.  
 5 ATTORNEY: COLLIER, Charles M.  
 6 TITLE OF INVENTION: RECOMBINANT NUCLEOTIDE  
 7 NUMBER OF INVENTORS: 17  
 8 NUMBER OF INVENTORS: 17  
 9 ADDRESS: 1155 Avenue of the Americas, LLP  
 10 CITY: New York  
 11 STATE: NY  
 12 COUNTRY: USA  
 13 FILING DATE: 09/06/98  
 14 PRIORITY DATE: 09/06/98  
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1 PATENT NO. 6428998  
 2 GENERAL INFORMATION:  
 3 APPLICANT: COLLIER, John  
 4 APPLICANT: COLLIER, Charles M.  
 5 ATTORNEY: COLLIER, Charles M.  
 6 TITLE OF INVENTION: RECOMBINANT NUCLEOTIDE  
 7 NUMBER OF INVENTORS: 17  
 8 NUMBER OF INVENTORS: 17  
 9 ADDRESS: 1155 Avenue of the Americas, LLP  
 10 CITY: New York  
 11 STATE: NY  
 12 COUNTRY: USA  
 13 FILING DATE: 09/06/98  
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Database version: 5.1.4 p1 4570  
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on previous search, using same model

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(with all updates)

654,408 Million total updates/sec

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Result No. is the number of results produced by Symantec, Inc.  
signature that is equal to the score of the result being printed.  
and is derived by analysis of the total score distribution.

# RESULTS

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## ALIGNMENTS

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100 Mammalian Embryonal Fibroblast (Cultured); Hemidiplo; Homo.  
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Search completed: April 11, 12, 2003, 16:02:11  
 Job time: 64 secs







NDHLE: J. 05/10/97  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: American Home Products Corporation  
 STREET: One Campus Drive  
 CITY: Parsippany  
 STATE: New Jersey  
 COUNTRY: USA  
 ZIP: 07054  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: floppy disk  
 OPERATING SYSTEM: PC DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: 05/09/97, 469  
 FILING DATE: 16-Oct-2001  
 CLASSIFICATION: Unknown  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 05/09/201, 459  
 FILING DATE: Unknown  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Kapinos, Ellen J.  
 REGISTRATION NUMBER: 32,345  
 REFERENCE/DOCKET NUMBER: 61 5435P  
 TELEPHONE: (973) 660-5000  
 TELEPHONE: (973) 660-5000  
 TELEFAX: (973) 660-5000  
 INFORMATION FOR SEQ ID NO: 6:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 738 amino acids  
 TYPE: amino acid  
 STRANDS: Unknown  
 TOPOLOGY: Unknown  
 MOLECULE TYPE: Protein  
 SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
 US-09-978-979-6  
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 RESULT 5  
 US-09-978-979-1  
 Sequence 1: Application 05/09/978979  
 Patent No. 062802951702A1  
 CHIRAL: INDICATED  
 APPLICANT: Kato, Lisa A.  
 Address: American Home Products Corporation  
 City: Parsippany  
 State: NJ  
 Country: USA  
 ZIP: 07054  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: floppy disk  
 OPERATING SYSTEM: PC DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: 05/09/978, 979  
 FILING DATE: 16-Oct-2001  
 CLASSIFICATION: Unknown  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 05/09/241, 469  
 FILING DATE: Unknown  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Kapinos, Ellen J.  
 REGISTRATION NUMBER: 32,345  
 REFERENCE/DOCKET NUMBER: 61 5435P  
 TELEPHONE: (973) 660-5000  
 TELEPHONE: (973) 660-5000  
 TELEFAX: (973) 660-5000  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 738 amino acids  
 TYPE: amino acid  
 STRANDS: Unknown  
 TOPOLOGY: Unknown  
 MOLECULE TYPE: Protein  
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
 US-09-978-979-6































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claim (1), (page 33 of 41): End(18).

18 This invention relates to the cDNA and protein sequences of a novel  
19 human adenovirus polyprotein. The protein of the invention may be  
20 used to inhibit the proteolytic activity of adenovirus, or to inhibit  
21 the adenovirus mediated cleavage of substrates in cultured cells. The  
22 protein of the invention is useful for developing inhibitors of  
23 adenovirus protein. The cDNA sequence encoding the amino acid  
24 sequence of the invention is used for designing probes for detecting RNA  
25 sequences encoding other adenovirus proteins. The cDNA sequence  
26 also serves as a source for RNA encoding adenovirus in a fusion  
27 protein and thus for detection of infectious particles. The protein  
28 of the invention is a homologue of the protein encoded by the  
29 adenovirus 12.5 gene, which encodes a protein that is not  
30 expressed. The cDNA sequence may be used for preparation of  
31 a probe for an application. An inhibition of the protein of the  
32 invention could lead to enhanced survival of a cell infected  
33 with adenovirus. The adenovirus polyprotein activity may  
34 be used for protein inhibition and a method for inhibiting  
35 are useful for treating various adenovirus associated  
36 including cardiovascular and other inflammatory diseases. The  
37 present sequence represents the human adenovirus protein of the  
38 invention.

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40 Sequence (1): AA

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